

GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: July 4, 2001, 20:08:38 ; Search time 109.03 Seconds
(without alignments)
6264.834 Million cell updates/sec

Title: US-09-117-447-1

Perfect score: 3687

Sequence: 1 atggataggaataaagctgt.....ttacattctataataagtaa 3687

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 317530 seqs, 92630169 residues

Total number of hits satisfying chosen parameters: 635060

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA:*

- 1: /cgnl_7/ptodata/1/ina/5A_COMB.seq:*
- 2: /cgnl_7/ptodata/1/ina/5B_COMB.seq:*
- 3: /cgnl_7/ptodata/1/ina/6A_COMB.seq:*
- 4: /cgnl_7/ptodata/1/ina/6B_COMB.seq:*
- 5: /cgnl_7/ptodata/1/ina/PCTUS_COMB.seq:*
- 6: /cgnl_7/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	56.8	1.5	4248	3	US-08-678-614-1 Sequence 1, Appl
2	56.2	1.5	397	4	US-09-253-691-3 Sequence 3, Appl
3	53.4	1.4	2218	1	US-08-232-463-14 Sequence 14, Appl
4	51.4	1.4	7291	4	US-08-913-942-3 Sequence 3, Appl
5	51	1.4	2241	2	US-08-785-431-3 Sequence 3, Appl
6	51	1.4	2367	2	US-08-785-431-1 Sequence 1, Appl
7	49.8	1.4	5738	1	US-08-409-995-3 Sequence 3, Appl
8	49.8	1.4	5738	3	US-08-685-467-3 Sequence 3, Appl
9	49	1.3	5361	4	US-08-973-462-2 Sequence 2, Appl
10	49	1.3	6152	4	US-08-973-462-1 Sequence 1, Appl
11	48.8	1.3	2223	1	US-08-257-073-4 Sequence 4, Appl
12	47.4	1.3	3095	6	5231168 Patent No. 5231168
13	46.6	1.3	4766	5	PCT-US93-07261-10 Sequence 10, Appl
14	45.2	1.2	921	2	US-08-795-475-2 Sequence 2, Appl
15	45.2	1.2	1308	2	US-08-795-475-4 Sequence 4, Appl
16	45.2	1.2	5511	3	US-08-928-361B-2 Sequence 2, Appl
17	45.2	1.2	7334	3	US-08-928-361B-1 Sequence 1, Appl
18	45	1.2	3279	4	US-08-446-137B-1 Sequence 1, Appl
19	44.6	1.2	14602	1	US-08-597-236-1 Sequence 1, Appl
20	44.6	1.2	14602	1	US-08-746-137B-1 Sequence 1, Appl
21	44.4	1.2	1867	1	US-07-772-087-1 Sequence 1, Appl
22	43.8	1.2	1891	4	US-08-973-462-3 Sequence 3, Appl
23	43.6	1.2	1555	4	US-08-669-408B-9 Sequence 9, Appl
24	43.2	1.2	876	4	US-08-446-137B-3 Sequence 3, Appl
25	43.2	1.2	4197	2	US-08-682-517-7 Sequence 7, Appl
26	43.2	1.2	4197	2	US-08-682-517-8 Sequence 8, Appl
27	43.2	1.2	19124	2	US-08-487-826B-13 Sequence 13, Appl

28	42.6	1.2	835	4	US-08-961-083-93 Sequence 93, Appl
29	42.6	1.2	1714	4	US-08-961-083-3 Sequence 3, Appl
30	42.4	1.1	372	1	US-08-094-128A-24 Sequence 24, Appl
31	42.4	1.1	372	1	US-08-455-674-24 Sequence 24, Appl
32	42.4	1.1	372	1	US-08-455-992-24 Sequence 24, Appl
33	42.4	1.1	372	1	US-08-455-972-24 Sequence 24, Appl
34	42.4	1.1	372	5	PCT-US92-00652-24 Sequence 24, Appl
35	42.4	1.1	4977	1	US-08-450-257-14 Sequence 14, Appl
36	42.4	1.1	4977	1	US-08-450-246-14 Sequence 14, Appl
37	42.4	1.1	4977	1	US-08-450-098-14 Sequence 14, Appl
38	42.4	1.1	4977	1	US-08-451-233-14 Sequence 14, Appl
39	42.4	1.1	4977	1	US-08-450-236-14 Sequence 14, Appl
40	42.4	1.1	7904	1	US-08-316-239B-1 Sequence 1, Appl
41	42.4	1.1	7904	1	US-08-316-239B-2 Sequence 2, Appl
42	42.4	1.1	7904	1	US-08-410-005-1 Sequence 1, Appl
43	42.4	1.1	7904	3	US-08-929-140-1 Sequence 1, Appl
44	41.8	1.1	1498	1	US-07-965-668A-1 Sequence 1, Appl
45	41.8	1.1	1498	2	US-08-950-433-1 Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-08-678-614-1
; Sequence 1, Application US/08678614
; Patent NO. 6013507
; GENERAL INFORMATION:
; APPLICANT: Tomasz, Alexander
; APPLICANT: Delencastre, Herminia
; TITLE OF INVENTION: AUXILIARY GENES AND PROTEINS OF
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David A. Jackson, Esq.
; STREET: 411 Hackensack Ave, Continental Plaza, 4th
; STREET: Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/678,614
; FILING DATE: 10-JUL-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4248 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Staphylococcus aureus
; STRAIN: RUSA 266
; FEATURE:
; NAME/KEY: ORF
; LOCATION: 154..1410
; FEATURE:

Matches 169; Conservative 0; Mismatches 188; Indels 0; Gaps 0;

```
OY 1454 cagcacaactgtgtaccgctcctactacttaagtgtgtacactttatctactgtt 1513
      ||| | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 358 CCGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 299
OY 1514 ctcttacacaacaatgtttggygtaattgtgctgtgtgtgtgaatgaagctggaacttatt 1573
      ||| | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 298 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 239
OY 1574 atcctggtccttcaattcacacaacgcttgcctaactaagttagaacgaatctactttagctg 1633
      ||| | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 238 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 179
OY 1634 ataacttgtattagtgtgaaaaagaatcgtgtacagttgttgcctcgaactaaatata 1693
      ||| | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 178 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 119
OY 1694 atgcagacgctaaaatggttaactttagtgcacaaagcgacctaagaataacatact 1753
      ||| | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 118 TCTGAACACATTCATAAGGAAATACATTTTCACGAATCAAGTAGTACACTG 59
OY 1754 atcaaatcaaatataaaagcgttgaaagtcgataaaggtattgaattaggcactg 1810
      ||| | ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 58 ATGAGAAAAACATTCATAAGGAAATACATTTTCACGAATCAAGTAGTACACTG 2
```

RESULT 3

```
US-08-232-463-14/C
; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHEIFLINGER, F.
; APPLICANT: FALKNER, F. G.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300.6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
```

; CLONE: PT2gpt-F1s
US-08-232-463-14

Query Match 1.4%; Score 53.4; DB 1; Length 7218;
Best Local Similarity 6.3%; Pred. No. 0.0024;
Matches 27; Conservative 222; Mismatches 178; Indels 0; Gaps 0;

```
OY 97 gatgtagcaacagtagtaagccaagcaaaagcagttcaaaaaagcatactacttac 156
      | | : : : : : : : : : : : : : : : : : : : : : : : :
Db 1439 GGTACRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1380
OY 157 agccatacagtaacggaactggtgaattcccaacattaacgatgtatagctgaatac 216
      : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1379 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1320
OY 217 aacaaagcgaataacgataccgttgatgcygtagcattagtaataaagcagtgcygcg 276
      : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1319 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1260
OY 277 aaaaaagcgttacttagcttgatttacaaaagaatatgaacttacgtttccaagca 336
      : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1259 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1200
OY 337 aaccctaactcgtgcgaagctcgtgtagcaacttacatcgatgcttacaaactatgcaaca 396
      : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1199 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1140
OY 397 aaattagaagaaatcgccaagagctagaagctgtgttcaagcaaaagattagaataa 456
      : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1139 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1080
OY 457 gcagacaalactlacacaataatccttatgaaataaactcgacacagtcatttagat 516
      : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1079 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1020
OY 517 cgcgtat 523
      |||||
Db 1019 AGCGTAT 1013
```

RESULT 4

```
US-08-913-942-3
; Sequence 3, Application US/08913942
; Patent No. 6200578
; GENERAL INFORMATION:
; APPLICANT: St. Geme, Joseph
; APPLICANT: Barenkamp, Stephen J.
; TITLE OF INVENTION: HAEMOPHILUS ADHESION PROTEINS
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr Hohbach Test Albritton & Herbert LLP
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,942
; FILING DATE: 29-DEC-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/409,995
; FILING DATE: 24-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/4031
; FILING DATE: 22-MAR-1996
; ATTORNEY/AGENT INFORMATION:
```

NAME: Vance, Dolly A.
REGISTRATION NUMBER: 39,054
REFERENCE/DOCKET NUMBER: A-61053-1/RFT/RMS/DAV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 7291 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: CDS
LOCATION: 163..7221
US-08-913-942-3

Query Match 1.4%; Score 51.4; DB 4; Length 7291;
Best Local Similarity 45.3%; Pred. No. 0.0071;
Matches 276; Conservative 0; Mismatches 321; Indels 12; Gaps 2;

QY 601 gataaccgttgcaatgaaagcgcggaagtacaagacgtgtgaaagcaggcaattta 660
DB 1714 GGTACGACAGGTACAAACACCATCAGCGTAAACCAAGATGGCATTAAAGCAGTAATAA 1773
QY 661 gacaaagctaaagctgtgtgtatcaaatcaatcaatcaatcaatcaatcaat 720
DB 1774 GCTATTACTAATGTTGGCAGAGTGGTTAAGACTTATGACGATGCCAATTT---TGATGTT 1830
QY 721 tcaaaactgaactaacagaagtagcgaaanaagcattagatgcagaatgaagctgcgct 780
DB 1831 TTAATTAACCTTGCAACATGATTTAAATAGACACGTTGAAGATGCTTATAAAGTTTATTA 1890
QY 781 actccaaaagtgtgaaagtgtgaagtgcgaltcaacactcaaaacaaagctgttgaaatta 840
DB 1891 AATCTAATGAAAAAATGCCAAT-----AACCAACCGTTGGTGACTGACAGCAGC 1941
QY 841 gcagtaaccagtgaacggaacactaaatacaactlccagctgtgcgaataatgaagataca 900
DB 1942 GCGGCGACTGTAGGCGGATTTACGTAAATTTGGGTTGGGTAGTATCAACCAAAACGGTAGC 2001
QY 901 gtaaacgtaaactactgtacgtatctataaagtgagcgttaacattccattgccctta 960
DB 2002 AAAGAAAGAACCAATCAAGTTAAACAAAGCTGATGAAGTCCCTTTACCGGAGCCGGTGC 2061
QY 961 acgagcagatgttcttctatctacagacggaanaactatacactgtgtgagcttcaactca 1020
DB 2062 GCTACGCTACTCCAAATCTGAAAAACGGTAACATACGATTACCGTTAGTGTGGCTGAA 2121
QY 1021 ttcgaaataatagcaggtatataaagtagttaaagttataaagcaaaaatgycaaa 1080
DB 2122 ACTAAAGCGGATTCGGGCTCTGAAAAAGATGGCGATACTATTAAAGCTCAAAAGTGATAAT 2181
QY 1081 gaatttaagaagatgcatctcaacttcaagcttcgaatgtgatgtgttaactcaagt 1140
DB 2182 CAAAACACTGATTAATGTTTAACTGTGTAATTAATGTTACTGCTGTCACTAAAGGTGGC 2241
QY 1141 ttggaaactaagttaacaacaacactctgttaaaacttagcagcaggtacttgcgacact 1200
DB 2242 TTGAAACTGTTAAACTGAGCGGACTGATGACAGATCGCGGTAAGTAACGTGTAAGAAAGAT 2301
QY 1201 gacgatact 1209
DB 2302 GCTACTGCT 2310

RESULT 5
US-08-785-431-3
; Sequence 3, Application US/08785431
; Patent No. 5891667

GENERAL INFORMATION:
APPLICANT: Chalker, Alison
APPLICANT: Hodgson, John
TITLE OF INVENTION: No. 5891667el Spoil11E
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/785,431
FILING DATE: 17-JAN-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 9600955.0
FILING DATE: 17-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gimm1, Edward R
REGISTRATION NUMBER: 38,891
REFERENCE/DOCKET NUMBER: P31349
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-4478
TELEFAX: 610-270-5090
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 2241 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
US-08-785-431-3

Query Match 1.4%; Score 51; DB 2; Length 2241;
Best Local Similarity 47.8%; Pred. No. 0.0056;
Matches 181; Conservative 0; Mismatches 195; Indels 3; Gaps 1;

QY 2195 atgcaatactttagcaactaactatatactatactattacaactgaagtgcaagcgttaa 2254
DB 701 ATGCAGAGATAGTTCGAATTAACATCGTAAATCATCAAGCAGATCAAGCAAGCAATTA 760
QY 2255 cagcaccacaggttacaaagattcaaaagtgatctttaaagaagcgtgacgtta 2314
DB 761 CAGACAAACTCATACAGAGTGTGAAGTGAAGCAACATATGAAGAGCTGGTGAAGTTA 820
QY 2315 ctacacttaagcaacgtltagtcaggtcaaaaatlcactatccaatttagcgaagaattaa 2374
DB 821 CGAATGTATCGTATGTGTTCCACCGTTTAACTTTACTTAATCAACCTGCACCAAAAG 880
QY 2375 aaactctagtggttctttagtggtgcaaaagtaactgtcgagaatlaacaacaacg 2434
DB 881 CAACATCTAAAGCTGAAGTACACAGCTAAAGGACAAAGTACTAGAGATACATTAAAGATT 940
QY 2435 gatggtagatgctgtgactggaacaactgtatcagttgctcctaagacagatgcaatg 2494
DB 941 TTGGGTAAATGCA---AAAGTGACACAAATTAATAATTTGGTCTCGAGTAACTCAATATG 997
QY 2495 gtaagtaacagctgtgtgttacatnaactgtgttgacaataacgacaagaatgcga 2554
DB 998 AAATTCAACCAAGCTCAAGGGTTAAAGTAGTAAATTTGTAACCTTGCAATATGATATTG 1057
QY 2555 aatgcgtctgtgtagtaga 2573
DB 1058 CATTAGCTTTAGCAGCAAA 1076

QY	901	gtaacgtaaatactgtacgtatctataaagtygacggtaacattccattgcccta	960
Dd	1837	AAGAAGAAAGCAATCAAATTAAACAAGCTGATGAAGTCCCTTTACCGGAGCCGGTGCT	1896
QY	961	acgcgatgttctcttatctacagacggaanaaclatcaactigtgatgtccaactca	1020
Dd	1897	GCTACGGTTACTTCCAAATCTGAAAAACGGTAACAATACGATTACC GTTAGTGTGGCTGAA	1956
QY	1021	ttcgaaataatacgyagtataaagtagtagttaagylatlaaagacaanaatygc	1080
Dd	1957	ACTAAGCGGATTCGGGCTCTGAAAAGATGGCGATACTTAAGCTCAAAAGTGATTAAT	2016
QY	1081	gaatttaaagaagatgcattcaactttcaaagcttcgaaatgatgctgtagttactcaagt	1140
Dd	2017	CAAAACACTGATATATGTTTAAC TCTTGGAATATATGTAICTGCTGCACATAAAGGTGCC	2076
QY	1141	tttgaactaatgtacaacaacacacttctgtaaacttaagcagcgacttctcgacact	1200
Dd	2077	TTTGAACACTGTTAAAACTGGAGCGACTGATGCAGATCGCGGTAAAGTAACTGTAAAGAT	2136
QY	1201	gacgatact 1209	
Dd	2137	GCTACTGCT 2145	

```

RESULT      8
US-08-685-467-3
; Sequence 3, Application US/08685467
; Patent No. 6060059
;
; GENERAL INFORMATION:
; APPLICANT: St. Geme III, Joseph W.
; APPLICANT: Barenkamp, Stephen J.
; TITLE OF INVENTION: HAEMOPHILUS ADHESION PROTEINS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Holbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/685,467
; FILING DATE: 22-JUL-1996
;
; CLASSIFICATION: 424
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/409,995
; FILING DATE: 24-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61053-2/RFT/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
;
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5738 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
;
; MOLECULE TYPE: DNA (genomic)
US-08-685-467-3

```

Query Match	1.48;	Score 49.8;	DB 3;	Length 5738;
-------------	-------	-------------	-------	--------------

Best Local Similarity 45.28; Pred. No. 0.015;
Matches 275; Conservative 0; Mismatches 322; Indels 12; Gaps 22;

OY	601	gatatattccgcttgcaatgataaaagcgcgcgaagtacagaacgctgtgtaaagcaggcaattta	660
Db	1549	GGTACGACAGGTACAACACCATCAGCGCTAACCAAGAATGGCATTTAAGCAGGTAAATAAA	1608
OY	661	gaccaaaagctaagactgctgcttgalccaatccaactaccacttaccaaagtaacagatgct	720
Db	1609	CCTATTACTTAATGTTGCCAGCTGGCTTAAAGAGCTTATGCAGATGCCGAATTT--TGATGTT	1665
OY	721	tccaacaactgaactaacagaagtagcgaaaaaagcallagalgcagatgaagctgcgclt	780
Db	1666	TTAATACTCTGCAACTGATTTAATAGACACGTTGAAGATGCTTATAAAGGTTTATTA	1725
OY	781	actccaaaagttgaagtgtaagltgcgaltlaacacctcaaaaacaagaagctgttgaaatcac	840
Db	1726	AATCTAATAATGAATAAAAAATGCA-----AATAAACACCGTTGGTGACTGACAGCACG	1776
OY	841	gcagtaaccagtgaaacgaaacactaaatltaacaacttcagctgctgcnaatgaagataca	900
Db	1777	GCGGCGACTGTAGGCGGATTTACGTTAATTGGGTGGTAGTATCAACCAAAAACGCTACG	1836
OY	901	glaaacglaaatactgtlactatctataaagltgacgylaaacatltccatttgcccltaat	960
Db	1837	AAAGAAGAAAGCAATCAAGTTAAACAAGCTGATGAAGTCCTCTTACCGGAGCCGGTGCT	1896
OY	961	acgycagatgttcttcttatctacagacygaaaaactatcaactgtlgatgcttccaactcca	1020
Db	1897	GCTACGGTACTTCCAAATCTGAAAACGCGTAACACATACGATTACCGTTAGTGTGGCTGAA	1956
OY	1021	ttcgaaaaataatacggagtataaaagtagtagttaaagyfatltaaaagacaaaaatgycaaa	1080
Db	1957	ACTTAAGCGGATTCGCGGTCTTGAAAAAAGATGGCGGATCTATTAAAGCTCAAAGTGGAATAAT	2016
OY	1081	gaatttaagaagaatgatcatcaactttccaagcttcgaaatgatgctgtagttactcaagtg	1140
Db	2017	CAAAACACTGATTAATGTTTAACTGTGTGTAATATATGTACTGCTGTCACTAAAGGTGGC	2076
OY	1141	tttgyaacataatgtaacaaacaacacttctgtanaacttagcagcgagtacttlcgaact	1200
Db	2077	TTTGAACCTGTTAAAACTTGAGCGCACTGATGCAGATCGCGGTAAGTAACGTATAAAGAT	2136
OY	1201	gaagataact 1209	
Db	2137	GCTACTGCT 2145	

```

RESULT      9
US-08-973-462-2
; Sequence 2, Application US/08973462B
; Patent No. 6191270
; GENERAL INFORMATION:
; APPLICANT: DRULHE, PIERRE
; APPLICANT: DAUBERSIES, PIERRE
; TITLE OF INVENTION: MALARIAL PRE-ERYTHROCYTIC STAGE POLYPEPTIDE MOLECULES
; FILE REFERENCE: 0660-0125-0 PCT
; CURRENT APPLICATION NUMBER: US/08/973,462B
; CURRENT FILING DATE: 1998-02-06
; EARLIER APPLICATION NUMBER: PCT/FR96/00894
; EARLIER FILING DATE: 1996-06-12
; EARLIER APPLICATION NUMBER: FR 95/07007
; EARLIER FILING DATE: 1995-06-13
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 5361
; TYPE: DNA
; ORGANISM: P. falciparum
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(5361)
US-08-973-462-2

```

Query Match 1.3%; Score 49; DB 4; Length 5361;
Best Local Similarity 45.6%; Pred. NO. 0.023;
Matches 215; Conservative 0; Mismatches 250; Indels 6; Gaps 1;

```
OY 1880 aaatgcgacgcgtgattaaagtaactggaagctcaagaatttactgtgaagttctcag 1939
    ||| || | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1118 aaagtgtagaagaaaatgttgaagaagtgtagctgaaataatgttgaagaagtgtagctg 1177

OY 1940 agaatttaataacattaatgtctacaaccglttcgggtagcacaatcacatacggltcaag 1999
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1178 aaatgttgaagaaagtgtagctgaaatgttgaagaaagtgtagctgaaatgttgaag 1237

OY 2000 ttgctgtagtaaaagcgggtgcaaaactatctgctcttacagcaagtgacatcattccag 2059
    |||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1238 aaagtgtagctgaagaaatgttgaagaatcgttagctccaactgttgaagaatcgttagctc 1297

OY 2060 ctagtgttgaagcgggttactggtlcaagatggaacatacaaaagtgtgttgcgtgaaggtgcaacag 2113
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1298 caactgttgaagaaattgttagctccaagtgttgaagaagtggtgctccaagtgttgaag 1357

OY 2114 ctaccaattagaacgyltaaccaaggtlacaatagttagtgttgcgtgaaggtgcaacag 2173
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1358 aaagtgtagaagaaaatgttgaagaagtgtagctgaaataatgttgaagaagtgtagctg 1417

OY 2174 ctccgtttaaagatgtctgcaaatgcaaatacttagcgaactatactatacattta 2233
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1418 aaatgttgaagaaagtgttagctgaaataatgttgaagaagtgtagctgaaataatgttgaag 1477

OY 2234 caactgaaggtcaagacgyltaaccagcaccacgglttaaaaaagtaltcaaggtgattcctt 2293
    || || | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1478 aaagtgtagctgaaaaatgttgaagaagtgtagctgaaataatgttgaagaagtgtagctg 1537

OY 2294 taaagacgctgatlcaagtlactacacttacgaacglttgatgcaggtcaca 2344
    || | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1538 aaatgttgaagaaatcgttagctccaactgttgaagaatcgttagctccaa 1588
```

RESULT 10

```
US-08-973-462-1
; Sequence 1, Application US/08973462B
; Patent No. 6191270
; GENERAL INFORMATION:
; APPLICANT: DRUILHE, PIERRE
; APPLICANT: DAUBERSIES, PIERRE
; TITLE OF INVENTION: MALARIAL PRE-ERYTHROCYTIC STAGE POLYPEPTIDE MOLECULES
; FILE REFERENCE: 0660-0125-0 PCT
; CURRENT FILING DATE: 1998-02-06
; EARLIER APPLICATION NUMBER: US/08/973,462B
; EARLIER FILING DATE: 1996-06-12
; EARLIER APPLICATION NUMBER: PCT/FR96/00894
; EARLIER FILING DATE: 1995-06-13
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 1
; LENGTH: 6152
; TYPE: DNA
; ORGANISM: P. falciparum
US-08-973-462-1
```

Query Match 1.3%; Score 49; DB 4; Length 6152;
Best Local Similarity 45.6%; Pred. NO. 0.024;
Matches 215; Conservative 0; Mismatches 250; Indels 6; Gaps 1;

```
OY 1880 aaatgcgacgcgtgattaaagtaactgaagctcaagaatttactgtgaagttctcag 1939
    ||| || | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1362 aaagtgtagaagaaaatgttgaagaagtgtagctgaaataatgttgaagaagtgtagctg 1421

OY 1940 agaatttaataacattaatgtctacaaccglttcgggtagcacaatacacatacaggtcaag 1999
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
```

```
Db 1422 aaatgttgaagaaagtgttagctgaaataatgttgaagaagtgtagctgaaataatgttgaag 1481

OY 2000 ttgctgtagtaaaagcgggtgcaaaactatctgctcttacagcaagtgacatcattccag 2059
    |||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1482 aaagtgtagctgaaatgttgaagaatcgttagctccaactgttgaagaatcgttagctc 1541

OY 2060 ctagtgttgaagcgggttactggtlcaagatggaacatacaaaagtgtgttgcgtgaaggtgcaacag 2113
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1542 caactgttgaagaaatgttagctccaagtgttgaagaagtggtgctccaagtgttgaag 1601

OY 2114 ctaccaattagaacgyltaaccaaggtlacaatagttagtgttgcgtgaaggtgcaacag 2173
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1602 aaagtgtagaagaaatgttgaagaagtgtagctgaaataatgttgaagaagtgtagctg 1661

OY 2174 ctccgtttaaagatgtctgcaaatgcaaatacttagcgaactatactatacattta 2233
    |||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1662 aaatgttgaagaaagtgttagctgaaataatgttgaagaagtgtagctgaaatgttgaag 1721

OY 2234 caactgaaggtcaagcgttaaccagcaccacgggttacaagaagtaltcaaggtgattcctt 2293
    || || | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1722 aaagtgtagctgaaatgttgaagaagtgtagctgaaataatgttgaagaagtgtagctg 1781

OY 2294 taaagacgctgatlcaagtlactacacttacgaacglttgatgcaggtcaca 2344
    || | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 1782 aaatgttgaagaaatcgttagctccaactgttgaagaatcgttagctccaa 1832
```

RESULT 11

```
US-08-257-073-4
; Sequence 4, Application US/08257073
; Patent No. 5766597
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: de Taisne, Charles
; APPLICANT: Tine, John A.
; TITLE OF INVENTION: MALARIA RECOMBINANT POXVIRUS VACCINE
; NUMBER OF SEQUENCES: 143
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue, 25th Floor
; CITY: New York
; STATE: New York
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentln Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/257,073
; FILING DATE: 09-JUN-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/075,783
; FILING DATE: 11-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/852,305
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/672,183
; FILING DATE: 20-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2570
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066 CURTMS
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2223 base pairs
```


QY 837aacagcagtlaccagtgaacgcgaaaccaactaaattacaacttcagctgtcgcaaatgaga 896
| || | || | || | || | || | || | || | || |
Db 1689tctaccagaagataaaaatgaaaaaagttcacacatggaatagtagagtttgagaagaattct 1748

QY 897tacagtaaacgctaatactglacgtatctataaagtcggacgylaacattccattgccct 956
|| | | || | | | | | | | | | | | |
Db 1749accagaagataaaaatgaaaaaagttcacacatggaatagtagagttgagaagaattctcc 1808

QY 957taatacgcgcatgttctcttatctacagacgcgaaaaactatcactgttgtatgtctccaac 1016
| | | | || | | | | | | | | | | | | | | |
Db 1809agaaattgttgaatatcgagaagtagtaccatcacacaacaataacaatatatcgaaac 1868

QY 1017tccattcgaaaataatacgcgagltataaagtagtagttaag 1057
| | | | | | | | | | | | | | | | | | | |
Db 1869tataaaaccagaagaaaaaaaagaatgaattltagtgttgaag 1909

RESULT 13
PCT-US93-07261-10
; Sequence 10, Application PC/TUS9307261

1 TITLE OF INVENTION: PfEMP3 MALARIA ANTIGEN, ANALOGS, ANTIBODIES AND USES THEREOF
2
3 NUMBER OF SEQUENCES: 23
4 CORRESPONDENCE ADDRESS:
5 ADDRESSEE: John H. C. Blasdale
6 STREET: One Giralda Farms
7 CITY: Madison
8 STATE: New Jersey
9 COUNTRY: USA
10 ZIP: 07940-1000
11
12 COMPUTER READABLE FORM:
13 MEDIUM TYPE: Floppy disk
14 COMPUTER: Apple Macintosh
15 OPERATING SYSTEM: Macintosh 6.0.5
16 SOFTWARE: Microsoft Word 5.1a
17
18 CURRENT APPLICATION DATA:
19 APPLICATION NUMBER: PCT/US93/07261
20 FILING DATE: 19930805
21
22 PRIOR APPLICATION DATA:
23 APPLICATION NUMBER: US 07/927,531
24 FILING DATE: 07-AUG-1992
25
26 ATTORNEY/AGENT INFORMATION:
27
28 NAME: Blasdale, John H. C.
29 REGISTRATION NUMBER: 31,895
30 REFERENCE/DOCKET NUMBER: DX0288K
31
32 TELECOMMUNICATION INFORMATION:
33 TELEPHONE: 201-822-7398
34 TELEFAX: 201-822-7039
35
36 INFORMATION FOR SEQ ID NO: 10:
37 SEQUENCE CHARACTERISTICS:
38 LENGTH: 4766 base pairs
39 TYPE: nucleic acid
40 STRANDEDNESS: double
41
42 TOPOLOGY: linear
43
44 MOLECULE TYPE: cDNA to mRNA
45 ORIGINAL SOURCE:
46 ORGANISM: Plasmodium falciparum
47 STRAIN: Malayan Camp
48 IMMEDIATE SOURCE:
49 CLONE: p2b1;p12-1
50
51 FEATURE:
52
53 NAME/KEY: CDS
54 LOCATION: 3..4766
55
56 PCT-US93-07261-10

Query Match	1.3%;	Score 46.6;	DB 5;	Length 4766;
Best Local Similarity	42.6%;	Pred. No. 0.081;		
Matches 302; Conservative	0;	Mismatches 404;	Indels 3;	Gaps 1;

[illegible]

OY	240	tgaTgcgttagcattagtgaataaaagcagtgccgcaaaaaaacgcgttacttaqctga	299
Db	2633	TGAAACTGATTTAGCAAAAAGGTAAAGGAAGTAACCTAATTAAGCACGCCGAAAAATCTTAGAGA	2692
OY	300	tttcaaaaagaatatgaaccttacggttttc aaagcaaacccctaactctgcggaagctcg	359
Db	2693	ATATAATGAAACTGATTTAGCAA AAAAGTTAAGGAAGTAACTAATAAAGCACC GGAAAAATCT	2752
OY	360	tgtagcaactlatacatcgatgctttacaactatgccacaaaattagacyaatatgcgccaa ga	419
Db	2753	ACAAGAATATAATGAAACTGATTTAGCAA AAAAGTTAAGGAAGTAACTAATAAAGCACCGCA	2812
OY	420	gctagaagctgctgttcaaagcaaaagatttagaanaagccgaacaatactatacaaaaat	479
Db	2813	AAATCTAGAA GAATATGAGAAAAAGATTATATGAAAAATAATGAATTACAAAATTAAGG	2872
OY	480	tccttatgaattaanaactcgcacagtcattttagatcggtatatgttaaacaactcg	539
Db	2873	ATCTGATGGATTAAAAAGAAAATGCAGAGCTAAAAAAATAAAGAA TTACGAATTAAGGATC	2932
OY	540	tgatltacttcgctctcacatttaagcaanaagcacaagaacttcgcgcacagcttaattta	599
Db	2933	TGATGGATTAAAAAGAAAATGCAGAGCTAAAAAAATAAAGAA TTACGAATTAAGGATTCGA	2992
OY	600	tgatattaccggttgccaatgtaaaagcgcgcggaagtacaaagcgcgtgtgaaagcaggcaattt	659
Db	2993	TGGATTAAAAAGA --- AAATGCAGAGCTAAAAAAATAAAGAA TTACGAATTAAGGATCTGA	3049
OY	660	agacaaaagctaaagctgcgttgtatcaaatcaatcaatcacttaccocaaaagtaacagatgc	719
Db	3050	AGGATTAAAAAGAAAATGCAGAA TTTAAAAAATTAAGAA TTACGAATTAAGGATCTGAAGG	3109
OY	720	tttcaaaactgaactaacagaagtagcgaaaaaagcatlagatgcagatgaagctgcgt	779
Db	3110	ATTAAAAAGAAAATGCAGAGCTAAAAAAATTAAGAA TTACGAATTAAGGATCTGAAGGATTT	3169
OY	780	tactccaaaagttgaaagtgtlaagtgcgattaacacatcaaacaaaacaaagctgttgaattaac	839
Db	3170	AAAAAGAAAATGCAGAACTTA AAAAAATTAAGAA TTACAAAATTAAGGATCTGAAGGATTA AA	3229
OY	840	agcagtlaccagltgaacggaaacactaaaattacaactttcagctgcgtga	888
Db	3230	AGAAAATGCAGAA TTTAAAAAATAAAGAA TTACAAAAATAAAGGATCTGAA 3278	

RESULT 14
US-08-795-475-2

GENERAL INFORMATION:
APPLICANT: Bjvrck, Lars
APPLICANT: Sjvbring, Ulf
TITLE OF INVENTION: PROTEIN L AND HYBRID PROTEINS THEREOF
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,475
FILING DATE: 11-FEB-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.

REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 100084.402D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 921 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Escherichia coli LE392/PHDL, DSM 7054
US-08-795-475-2

Query Match 1.2%; Score 45.2; DB 2; Length 921;
Best Local Similarity 42.8%; Pred. No. 0.091;
Matches 285; Conservative 0; Mismatches 378; Indels 3; Gaps 1;

QY 628 gaagtacaagacgctgtgaagcaggaattagacaagaactaaagctgtgtgatcaa 687
DB 19 GAAACACCAGAAACACCAGAACTGATTGAGAAAGAAAGTAACATCAAGCTAACCTA 78
QY 688 atcaatcaatacttaccaaaagtaacagatgcttcaaaactgaactaacagaagtagcg 747
DB 79 ATCTTGCAATGGAAGCACACAAACTGCAGAATTCAAGGAACATTTGAAAAAGCAACA 138
QY 748 aaaaagcatagatgcagatgaagctgcgcttactccaaaagttgaagtgtaagtcg 807
DB 139 TCAGAAGCTTATCGGTATGCAGATACTTTGAAGAAAGACAATGGAGATATATCTGAT 198
QY 808 attaacactcaaaaacaaagctgttgaataacagcagtlaccagtgacggaacactaaa 867
DB 199 GTTGACAGATAAAGTTATACTTTAAATATTAATTTGCTGGAAGAAAGAAACACAGAA 258
QY 868 ttacaacttccagctgtgcgaatgaagatacagtaaacgtaaatactgtatctat 927
DB 259 GAACCAAAAGAGAAGTACTTATTAAGCAAACTTAATCTATGCAGATGCAAAAAACACAA 318
QY 928 aaagtgcaggtaacattccattgccccttaataacgycagatgttcttattctacagac 987
DB 319 ACAGCAGAATTCAAGGAAACATTTGAAGAACCAACAGCAGAGCATACAGATATGCGAGAT 378
QY 988 ggaataactatcactgtgtgatgttcaactccattcgaaaataatacagtagtataaagta 1047
DB 379 GCATTAAAGAGACAAATGAGAAATATACAGTACGCTTGAGATTAAGGTTATACCTTTA 438
QY 1048 gtagttaaggtattaagacaanaatgycaaaagaattlaaagaagatgcatcacttc 1107
DB 439 AATATTAAATTTGCTGGAAGAAAGAAACACCAAGAACCAAAAGAACAGTTACTATT 498
QY 1108 aagcttcgaaatgatgtgttagttactcaagtggttlygaactaatgttaacaacaacact 1167
DB 499 AAAGCAAACTTAATCTATGCAGATGGAATA---ACACAACACAGCAGAAATTCAAAGGAACA 555
QY 1168 tctgtaaaacttagcagcaggtacttgcgaactgaagatactttaacagtagtattgat 1227
DB 556 TTGAAGAGAGCAACAGCAGAAAGCATATAGTATGCTGACTTATTTAGCAAAAAGAAATGGT 615
QY 1228 aagttgttagcaccctgaaactgttaaacgctcgaacgcttactattacagatgttgaact 1287
DB 616 AATATATACAGTACGCTTGAGATTAAGGTTATACCTTTAAATATTAATTTGCTGGAATA 675
QY 1288 ggaanaa 1293
DB 676 GAAAAA 681

RESULT 15
US-08-795-475-4

Sequence 4, Application US/08795475
Patent No. 5965390
GENERAL INFORMATION:
APPLICANT: Bjvrek, Lars
APPLICANT: Styvring, Ulf
TITLE OF INVENTION: PROTEIN L AND HYBRID PROTEINS THEREOF
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,475
FILING DATE: 11-FEB-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 100084.402D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1308 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Escherichia coli L392/PHDLG, DSM 7055
US-08-795-475-4

Query Match 1.2%; Score 45.2; DB 2; Length 1308;
Best Local Similarity 42.8%; Pred. No. 0.1;
Matches 285; Conservative 0; Mismatches 378; Indels 3; Gaps 1;

QY 628 gaagtacaagacgctgtgaagcaggaattagacaagaactaaagctgtgtgatcaa 687
DB 19 GAAACACCAGAAACACCAGAACTGATTGAGAAAGAAAGTAACATCAAGCTAACCTA 78
QY 688 atcaatcaatacttaccaaaagtaacagatgcttcaaaactgaactaacagaagtagcg 747
DB 79 ATCTTGCAATGGAAGCACACAAACTGCAGAATTCAAGGAACATTTGAAAAAGCAACA 138
QY 748 aaaaagcatagatgcagatgaagctgcgcttactccaaaagttgaagtgtaagtcg 807
DB 139 TCAGAAGCTTATCGGTATGCAGATACTTTGAAGAAAGACAATGGAGATATATCTGAT 198
QY 808 attaacactcaaaaacaaagctgttgaataacagcagtlaccagtggaacggaacactaaa 867
DB 199 GTTGACAGATAAAGTTATACTTTAAATATTAATTTGCTGGAAGAAAGAAACACAGAA 258
QY 868 ttacaacttccagctgtgcgaatgaagatacagtaaacgtaaatactgtatctat 927
DB 259 GAACCAAAAGAGAAGTACTTATTAAGCAAACTTAATCTATGCAGATGGAAAAAACACAA 318
QY 928 aaagtgcaggtaacattccattgccccttaataacgycagatgttcttattctacagac 987
DB 319 ACAGCAGAATTCAAGGAAACATTTGAAGAACCAACAGCAGAGCATACAGATATGCGAGAT 378
QY 988 ggaataactatcactgtgtgatgttcaactccattcgaaaataatacagtagtataaagta 1047

```
Db 379 GCATTAAAGAGGACATGAGAAATATACGTAGACGTTGCAGATPAAAGTTACTTTA 438
QY 1048 gtaqtaaaqgtatlaaagacaaaaatgcaagaattlaaagaagatgcacttcc 1107
    ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 439 AATATTAATTTGCTGGAAAAAGAAAAAACCCAGAAGAACCAAAAGAGATTACTATT 498
QY 1108 aagcttcgaaatgatgtctgtagttactccagtggttggactaatgttaacaaacacact 1167
    || | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 499 AAAGCAAACTTAATCTATGCGATGGAATA---ACACAACAGCAGAAATTCAAAGGAACA 555
QY 1168 tctgtlaaacttagcagcaggtacttccgacactgaacgataactttaacagtagtattgat 1227
    || | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 556 TTTGAAGAGACGACAGCAGAGAGCATATATGCTGACTTATTTAGCAAAAGAAAAATGGT 615
QY 1228 aagttgttagcacctgaaactgtlaaacagctcgaacgltactatlaacagatgtgnaact 1287
    || | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 616 AAATATACAGTAGACGTTGCAGATAAAGGTTATCTTTAAATATATTAAATTGCTGAAAA 675
QY 1288 ggaanaa 1293
    | | | | |
Db 676 GAAAAA 681
```

Search completed: July 5, 2001, 01:27:57
Job time: 19159 sec

THIS PAGE BLANK (USPTO)